

Ercan Kayalıoğlu is a highly motivated Electrical and Electronics Engineer who graduated from Gazi University in 2023 and is currently pursuing his Master's degree at the same institution with a prominent GPA of 3.78. Equipped with strong technical skills in AutoCAD, MATLAB, PVsyst, Proteus, and C#, he has successfully executed diverse academic and practical projects, including a hospital automation system, an FSK circuit design, and a graduation project focused on the remote monitoring of physiological data. Committed to continuous professional development, Ercan has also completed a prestigious EU-funded European Union and Gazi University joint certification program on Virtual and Augmented Reality (VR) game design and software development, further expanding his technical versatility.

Throughout his career, he has combined his engineering expertise with effective leadership and teamwork abilities across field and supervisory roles. His professional background includes serving as a consultant field engineer for Enerjisa's Tufanbeyli Hybrid Solar Power Plant (GES) project at Pratikus Energy, as well as managing site inspections, project revisions, and renovations for public buildings under Aslanay Project Architecture. Additionally, his internship experiences at Armas Electronics in device testing and at Beştepe Energy in solar project design and grid applications have provided him with solid foundational expertise. An active member of the Chamber of Electrical Engineers (EMO) since September 2024, Ercan possesses a strong command of technical English, making him fully prepared to deliver high-quality solutions in demanding engineering environments.

- Paper ID 150: Autonomous Vehicle Social Acceptance and Smart Mobility Integration: A Thematic Review of Public Trust, Shared Mobility, and Road Coexistence
- Paper ID 152: Autonomous Vehicle Acceptance and Construct-Level Fragmentation: Mapping Measurement Architecture in TAM- and UTAUT-Based Studies